

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001598

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61C 13/20, B29C 70/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61C, B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SE 457691 B (AB NOBEL PLAST), 23 November 1989 (23.11.1989), page 2 - page 5 --	1-11
A	US 5829979 A (AKVUB U, JIBASGUGAWA ET AK), 3 November 1998 (03.11.1998), column 1, line 10 - column 4, line 12 --	1-11
A	US 6132215 A (ARUN PRASAD ET AL), 17 October 2000 (17.10.2000), column 1, line 12 - column 2, line 9 --	1-11
A	US 5846640 A (PEKKA VALLITTU), 8 December 1998 (08.12.1998), column 1, line 14 - column 3, line 40 --	1-11

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

03 March 2005

Date of mailing of the international search report

04-03-2005

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Antonio Farieta/MN

Telephone No. +46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001598

SE	457691	B	23/11/1989	CA	1279963 A,C	12/02/1991
				DE	3867530 A	20/02/1992
				EP	0292026 A,B	23/11/1988
				JP	1091851 A	11/04/1989
				SE	8702128 A	23/11/1988
				US	4906420 A	06/03/1990
<hr/>						
US	5829979	A	03/11/1998	DE	19706531 A	21/08/1997
				FR	2744903 A,B	22/08/1997
				GB	2310438 A,B	27/08/1997
				GB	9703404 D	00/00/0000
				JP	10014943 A	20/01/1998
<hr/>						
US	6132215	A	17/10/2000	AU	3483799 A	01/11/1999
				WO	9952494 A	21/10/1999
<hr/>						
US	5846640	A	08/12/1998	AT	229791 T	15/01/2003
				AU	693319 B	25/06/1998
				AU	4720096 A	11/09/1996
				BG	63527 B	30/04/2002
				BG	101843 A	30/10/1998
				CA	2210661 A	29/08/1996
				CN	1082801 B	17/04/2002
				CN	1175897 A	11/03/1998
				CZ	288649 B	15/08/2001
				CZ	9702485 A	12/11/1997
				DE	69625470 D	00/00/0000
				DK	810850 T	07/04/2003
				EE	3417 B	15/06/2001
				EE	9700188 A	16/02/1998
				EP	0810850 A,B	10/12/1997
				SE	0810850 T3	
				ES	2186770 T	16/05/2003
				FI	102945 B	00/00/0000
				FI	102946 B	00/00/0000
				FI	950844 A	25/08/1996
				FI	973186 A	31/07/1997
				HK	1008925 A	00/00/0000
				HU	9800465 A	29/06/1998
				JP	11501874 T	16/02/1999
				NO	308824 B	06/11/2000
				NO	973827 A	17/10/1997
				NZ	301710 A	24/11/1997
				PL	185974 B	30/09/2003
				PL	321939 A	05/01/1998
				PT	810850 T	30/04/2003
				RU	2153981 C	10/08/2000
				SI	810850 T	00/00/0000
				SK	95097 A	10/12/1997
				SK	282485 B	05/02/2002
				WO	9625911 A	29/08/1996